

STRUCTURE AND FABRICATION OF LIGHT-EMITTING DEVICE
HAVING PARTIALLY COATED LIGHT-EMISSIVE PARTICLES

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ABSTRACT

A light-emitting device (52, 80, 110, 128, or 130) suitable for a flat-panel cathode-ray tube display contains a light-emissive region (66) formed over a plate (64). The light-emissive region contains a plurality of light-emissive particles (72). Part of the outer surface of each light-emissive particle is conformally covered with one or more coatings (74, 82, 84, 112, and 114). The coatings variously provide light-reflection, gettering, intensity-enhancement, and contrast-enhancement functions.